

**MANIFOLD FOR PROCESSING A STACKED
ARRAY OF LASER BLOCK ASSEMBLIES**

ABSTRACT

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A manifold for providing the simultaneous processing of a plurality of laser block assemblies. In one embodiment, the manifold includes a hollow passage formed along the length of the manifold, and a plurality of passages extending between the hollow chamber and the exterior of the manifold. A laser block assembly is mounted to each of the plurality of passages of manifold. The assemblies can be arranged in a flat or parallel spaced arrangement relative to each other, and are mounted to the manifold with a fitting that is adapted to be easily severed after processing of the assemblies is completed. The manifold is mounted to a station of a processing tool, and a plurality of processing applications are performed on the plurality of laser block assemblies in a simultaneous fashion.

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